International Application No
PCT/EP2004/011926

	TION OF DUD IECT MATTER		
A. CLASSIFICA IPC 7	ATION OF SUBJECT MATTER C12Q1/68		
According to Inte	ernational Patent Classification (IPC) or to both national classi	fication and IPC	
B. FIELDS SEA	ARCHED nentation searched (classification system followed by classific	eation symbols)	
	C12Q		
Documentation	searched other than minimum documentation to the extent tha	at such documents are included in the fields sea	arched
Electronic data	base consulted during the international search (name of data	base and, where practical, search terms used)	
EPO-Inte	rnal, Sequence Search, BIOSIS, E	EMBASE	
	'S CONSIDERED TO BE RELEVANT		
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X Further	documents are listed in the continuation of box C.	X Patent family members are listed i	n annex.
"A" document considere "E" earlier doc filling date which is a citation or "O" document other me: "P" document later than	which may throw doubts on priority claim(s) or ited to establish the publication date of another rother special reason (as specified) referring to an oral disclosure, use, exhibition or ans published prior to the international filing date but ithe priority date claimed ual completion of the international search	"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an Inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an inventive are inventive and coument is combined with one or moments, such combination being obvious in the art. "&" document member of the same patent Date of mailing of the International sear	the application but sory underlying the laimed invention be considered to cument is taken alone laimed invention ventive step when the ore other such docusto a person skilled family
	May 2005 ling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer	
	Tel. (+31-70) 346-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Aguilera, M	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 25-34, 43, 44; all partially
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

Invention 1: claims 25-34, 43, 44; all partially

Methods to identify modulators useful to treat, prevent or ameliorate neurodegenerative conditions comprising assaying for the ability of a candidate modulator to modulate the biochemical function or the gene expression of the protein of SEQ ID NO: 2. Pharmaceutical compositions comprising said modulators. Methods to diagnose subjects suffering from neurodegenerative conditions comprising assaying mRNA or protein levels of a protein of SEQ ID NO: 2 in a biological sample from said subject. Diagnostic kits comprising the polypeptide of SEQ ID NO: 2, polynucleotides encoding it, or antibodies directed against said polypeptide, or RNAi directed against said polynucleotides.

Inventions 2-20: claims 25-34, 43, 44; all partially

Methods to identify modulators useful to treat, prevent or ameliorate neurodegenerative conditions comprising assaying for the ability of a candidate modulator to modulate the biochemical function or the gene expression of the protein of SEQ ID NO: 2. Pharmaceutical compositions comprising said modulators. Methods to diagnose subjects suffering from neurodegenerative conditions comprising assaying mRNA or protein levels of a protein of SEQ ID NO: 4 in a biological sample from said subject. Diagnostic kits comprising the polypeptide of SEQ ID NO: 4, polynucleotides encoding it, or antibodies directed against said polypeptide, or RNAi directed against said polynucleotides.

[idem. for each one of the even-numbered sequences listed in Table 3A]

Inventions 21-23: claims 25-34, 43, 44; all partially

Methods to identify modulators useful to treat, prevent or ameliorate neurodegenerative conditions comprising assaying for the ability of a candidate modulator to modulate the biochemical function or the gene expression of the fly protein CG4903. Pharmaceutical compositions comprising said modulators. Methods to diagnose subjects suffering from neurodegenerative conditions comprising assaying mRNA or protein levels of a fly protein CG4903 in a biological sample from said subject. Diagnostic kits comprising the fly protein CG4903, polynucleotides encoding it, or antibodies directed against said polypeptide, or RNAi directed against said polynucleotides.

[idem. for fly genes CG14959 and CG6175 as listed in Table

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FURTHER INFORMATION CONTINUED FROM PCT	r/ISA/ 210
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Information on patent family members

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